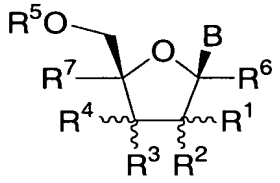
Amendment to the Claims:

Cancel Claims 13-16.

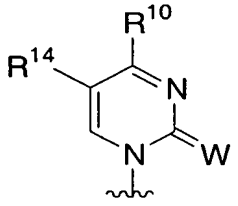
Listing of Claims:

1. (original) A compound of structural formula I:

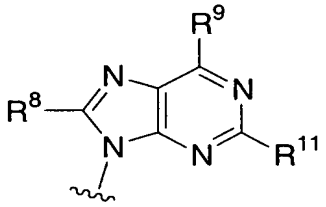


(I)

or a pharmaceutically acceptable salt thereof;
wherein B is



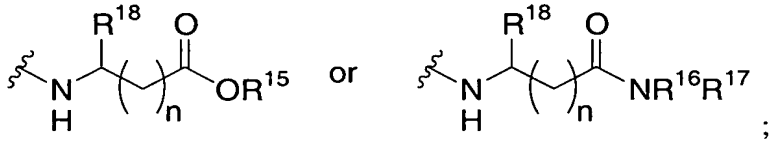
or



;

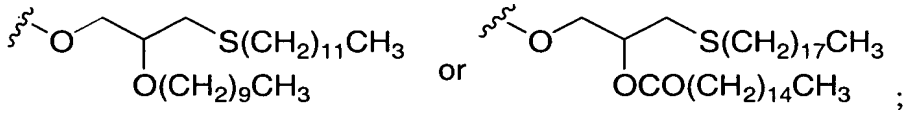
W is O or S;
R^1 is fluoromethyl, difluoromethyl, or trifluoromethyl;
R^2 is hydrogen, fluorine, amino, hydroxy, mercapto, C_{1-4} alkoxy, C_{1-8} alkylcarbonyloxy, or C_{1-4} alkyl;
R^3 and R^4 are each independently selected from the group consisting of hydrogen, cyano, azido, halogen, hydroxy, mercapto, amino, C_{1-4} alkoxy, C_{1-8} alkylcarbonyloxy, C_{2-4} alkenyl, C_{2-4} alkynyl, and C_{1-4} alkyl, wherein alkyl is unsubstituted or substituted with hydroxy, amino, C_{1-4} alkoxy, C_{1-4} alkylthio, or one to three fluorine atoms;
R^5 is hydrogen, C_{1-10} alkylcarbonyl, $P_3O_9H_4$, $P_2O_6H_3$, or $P(O)R^{12}R^{13}$;

R^6 and R^7 are each independently hydrogen, methyl, hydroxymethyl, or fluoromethyl;
R^8 is hydrogen, C_{1-4} alkyl, C_{2-4} alkynyl, halogen, cyano, carboxy, C_{1-4} alkyloxycarbonyl, azido, amino, C_{1-4} alkylamino, di(C_{1-4} alkyl)amino, hydroxy,
C_{1-6} alkoxy, C_{1-6} alkylthio, C_{1-6} alkylsulfonyl, or (C_{1-4} alkyl)$_{0-2}$ aminomethyl;
R^9 and R^{10} are each independently hydrogen, hydroxy, mercapto, halogen, C_{1-4} alkoxy, C_{1-4} alkylthio, C_{1-8} alkylcarbonyloxy, C_{3-6} cycloalkylcarbonyloxy, C_{1-8} alkyloxycarbonyloxy, C_{3-6} cycloalkyloxycarbonyloxy, -$OCH_2CH_2SC(=O)C_{1-4}$ alkyl, -$OCH_2O(C=O)C_{1-4}$ alkyl, -OCH(C_{1-4} alkyl)$O(C=O)C_{1-4}$ alkyl, amino, C_{1-4} alkylamino, di(C_{1-4} alkyl)amino, C_{3-6} cycloalkylamino, di(C_{3-6} cycloalkyl)amino, or an amino acyl residue having structural formula



;

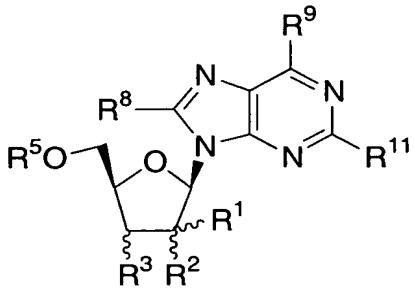
n is 0, 1, or 2;
R^{11} is hydrogen, hydroxy, halogen, C_{1-4} alkoxy, amino, C_{1-4} alkylamino, di(C_{1-4} alkyl)amino, C_{3-6} cycloalkylamino, or di(C_{3-6} cycloalkylamino);
R^{15}, R^{16}, and R^{17} are each independently hydrogen or C_{1-6} alkyl;
R^{12} and R^{13} are each independently hydroxy, -$OCH_2CH_2SC(=O)C_{1-4}$ alkyl, -$OCH_2O(C=O)OC_{1-4}$ alkyl, -$NHCHMeCO_2Me$, -OCH(C_{1-4} alkyl)$O(C=O)C_{1-4}$ alkyl,



;

R^{14} is hydrogen, C_{1-6} alkyl, C_{2-6} alkenyl, C_{2-6} alkynyl, C_{1-4} alkylamino, CF_3, or halogen; and
R^{18} is hydrogen, C_{1-4} alkyl, or phenyl C_{0-2} alkyl.

2. (original) The compound of Claim 1 of structural formula II:



(II)

or a pharmaceutically acceptable salt thereof;

wherein

R^1 is fluoromethyl or difluoromethyl;

R^2 is hydroxy, fluoro, or C_{1-3} alkoxy;

R^3 is hydrogen, halogen, hydroxy, amino, or C_{1-3} alkoxy;

R^5 is hydrogen, $P_3O_9H_4$, $P_2O_6H_3$, or PO_3H_2;

R^8 is hydrogen, amino, or C_{1-4} alkylamino; and

R^9 and R^{10} are each independently hydrogen, halogen, hydroxy, amino, C_{1-4} alkylamino, di(C_{1-4} alkyl)amino, or C_{3-6} cycloalkylamino.

3. (original) The compound of Claim 2 wherein

R^1 is fluoromethyl or difluoromethyl;

R^2 is hydroxy, fluoro, or methoxy;

R^3 is hydrogen, fluoro, hydroxy, amino, or methoxy;

R^5 is hydrogen or $P_3O_9H_4$;

R^8 is hydrogen or amino; and

R^9 and R^{10} are each independently hydrogen, fluoro, hydroxy, or amino.

4. (original) The compound of Claim 1 selected from the group consisting of:

6-amino-9-(2-*C*-fluoromethyl-β-D-ribofuranosyl)purine;

6-amino-9-(2-*C*-fluoromethyl-β-D-arabinofuranosyl)purine;

2-amino-9-(2-*C*-fluoromethyl-β-D-ribofuranosyl)-3,9-dihydropurin-6-one;

2-amino-9-(2-*C*-fluoromethyl-β-D-arabinofuranosyl)-3,9-dihydropurin-6-one;

2-amino-9-(2-*C*-fluoromethyl-β-D-ribofuranosyl)-3,9-dihydropurin-6-thione;
2,6-diamino-9-(2-*C*-fluoromethyl-β-D-ribofuranosyl)purine;
9-(2-*C*-fluoromethyl-β-D-ribofuranosyl)-6-methylaminopurine;
2'-*C*-(fluoromethyl)cytidine;
2'-*C*-(fluoromethyl)-5-methylcytidine;
2'-*C*-(fluoromethyl)uridine;
2'-*C*-(fluoromethyl)-5-methyluridine;
and the corresponding 5'-triphosphates;
or a pharmaceutically acceptable salt thereof.

5. (original) The compound of Claim 4 which is
2-amino-9-(2-*C*-fluoromethyl-β-D-ribofuranosyl)-3,9-dihydropurin-6-one;
or a pharmaceutically acceptable salt thereof.

6. (original) The compound of Claim 4 which is 6-amino-9-(2-*C*-fluoromethyl-β-D-ribofuranosyl)purine;
or a pharmaceutically acceptable salt thereof.

7. (original) A pharmaceutical composition comprising a compound of Claim 1 and a pharmaceutically acceptable carrier.

8. (original) A method of treating RNA-dependent RNA virus infection comprising administering to a mammal in need of such treatment a therapeutically effective amount of a compound according to Claim 1.

9. (original) The method of Claim 8 wherein said RNA-dependent RNA virus infection is hepatitis C virus (HCV) infection.

10. (original) The method of Claim 9 in combination with a therapeutically effective amount of another agent active against HCV.

11. (original) The method of Claim 10 wherein said agent active against HCV is a 2'-*C*-Me-ribonucleoside; ribavirin; levovirin; thymosin alpha-1; interferon-β; an inhibitor of NS3 serine protease; an inhibitor of inosine monophosphate dehydrogenase; interferon-α or pegylated interferon-α, alone or in combination with ribavirin or levovirin.

12. (original) The method of Claim 11 wherein said agent active against HCV is interferon-α or pegylated interferon-α, alone or in combination with ribavirin.

13. (cancelled)

14. (cancelled)

15. (cancelled)

16. (cancelled)